

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 3627 | 341/144   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:12 |
| L2    | 3778 | 341/143   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:12 |
| L3    | 428  | 375/245   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:12 |
| L4    | 6574 | (1 2 3)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:12 |
| L5    | 1093 | 4 and (noise near4<br>(sampl\$3 discharg<br>\$3 switch\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:18 |
| L6    | 142  | 5 and (edges<br>near4 clock)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:19 |
| L7    | 142  | 6 and ("341"/\$<br>"375"/\$)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/07<br>15:19 |

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| L8 | 24    | 7 and (parasitic adj2 capacitance)                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>15:20 |
| S1 | 3     | "6946890"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:16 |
| S2 | 2     | "7068200"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:18 |
| S3 | 1     | "7248186"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:21 |
| S4 | 34066 | (differential adj2 input)                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:43 |
| S5 | 7202  | S4 and ((rising falling adj3 edges))                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:44 |
| S6 | 2360  | S5 and ((reduc\$3 control\$4 attenuat \$3) near3 (noise error)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:46 |
| S7 | 2224  | S6 and (switch\$3 transistor)                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>19:47 |

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| S8  | 118 | S7 and (341/144 341/143)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:24 |
| S9  | 267 | S7 and "341"/\$   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:24 |
| S10 | 149 | S9 not S8   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:26 |
| S11 | 13  | S10 and (noise error).ti.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:29 |
| S12 | 13  | S11 and (edges (rising falling) adj2 edges)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:37 |
| S13 | 0   | ((rising falling) adj2 edge) near4 (control adj2 signal) and error. ti. and (341/143 341/144) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:40 |
| S14 | 0   | ((rising falling) adj2 edge) near4 (control adj2 signal) and error. ti. and "341"/\$          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:41 |
| S15 | 1   | ((rising falling) adj2 edge) near4 (control controlling) and error.ti. and "341"/\$           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:41 |

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| S16 | 19  | ((rising falling)<br>adj2 edge) near4<br>(control adj signal)<br>and (341/144<br>341/143) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06<br>20:42 |
| S17 | 2   | "6985532" and<br>(improv\$3 increas<br>\$3 reduc\$3<br>attenuat\$3)                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/07<br>13:35 |
| S18 | 0   | "6670902" and<br>(pulse near2<br>generat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/07<br>13:36 |
| S19 | 0   | "6670902" and<br>pulse  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/07<br>19:00 |
| S21 | 72  | (switch adj<br>capacitance) and<br>"341"/\$   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>12:58 |
| S22 | 329 | first adj3 ((set<br>plurality) adj2<br>(shift adj register))                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>13:05 |
| S23 | 158 | S22 and (second<br>adj3 ((set<br>plurality) adj2<br>(shift adj<br>register)))             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>13:10 |
| S24 | 45  | S23 and (first adj2<br>(load speaker<br>output))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>14:25 |

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| S25 | 7213 | (load\$3 buffer)<br>adj3 (independent<br>unrelated)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>14:27 |
| S26 | 59   | ((load\$3 buffer)<br>adj3 independent)<br>and "341"/\$                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>19:30 |
| S27 | 3    | (loading near2<br>substrate) and<br>(loading near2<br>(power adj<br>supply)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>19:33 |
| S28 | 228  | (load\$3 near4<br>substrate) and<br>(load\$3 near4<br>(power adj<br>supply)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>19:34 |
| S29 | 0    | S28 and "341"/\$   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>19:34 |
| S30 | 225  | S28 not S27  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:58 |
| S31 | 3458 | 341/144  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:58 |
| S32 | 3617 | 341/143  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:58 |

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| S33 | 730  | 341/150   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:58 |
| S34 | 416  | 375/245   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:59 |
| S35 | 6742 | (S27 S28 S29 S30<br>S31 S32 S33 S34)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>20:59 |
| S36 | 375  | S35 and (noise<br>near2 sampl\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>21:01 |
| S37 | 1    | S36 and (noise<br>near2 dischar\$3)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/08<br>21:00 |
| S38 | 119  | S36 and ((edges<br>(rising falling) adj2<br>edges)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/09<br>17:06 |
| S39 | 11   | "6344816"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19<br>11:50 |

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